

INTERNATIONAL SEARCH REPORT

Internat Application No.

PCT 03/02653

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C11D17/04 C11D7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11D C09G A47L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 317 897 A (HENKEL KGAA) 31 May 1989 (1989-05-31) page 3, line 6 - line 14	1-4, 6, 9, 10
X	GB 1 067 462 A (COLLO RHEINCOLLODIUM KOELN G M) 3 May 1967 (1967-05-03) page 2, line 64 - line 70; claims; examples 3, 4	1, 6, 8-10, 13
X	US 5 141 803 A (PREGOZEN DAVID) 25 August 1992 (1992-08-25) column 5, line 50 - column 6, line 61; claims 1, 8, 12-14; example 1	1, 3-6, 8-10, 13
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

1 October 2003

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15/10/2003

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PC 03/02653

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 328 451 A (PROCTER & GAMBLE) 24 February 1999 (1999-02-24) page 3, line 5, last paragraph - line 21, paragraph 1 page 6, last paragraph -page 7, paragraph 1 page 9, paragraph 2 ----	1,4-7, 9-11
X	DATABASE WPI Section Ch, Week 198122 Derwent Publications Ltd., London, GB; Class E17, AN 1981-39721D XP002256261 & SU 763 421 A (MOSC CHEM IND INST), 15 September 1980 (1980-09-15) abstract -----	1,4,6,9, 10,13
A	EP 0 392 316 A (STERLING DRUG INC) 17 October 1990 (1990-10-17) page 4, line 40 - line 50 -----	1-4,6,10
A	DATABASE WPI Section Ch, Week 199726 Derwent Publications Ltd., London, GB; Class A35, AN 1997-287889 XP002256262 & RU 2 068 864 C (EGOROV N K), 10 November 1996 (1996-11-10) abstract -----	1,4-6,10

INTERNATIONAL SEARCH REPORT

Internal Application No. ...

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0317897	A	31-05-1989	DE	3740112 A1	08-06-1989
			EP	0317897 A1	31-05-1989
GB 1067462	A	03-05-1967	DE	1519053 A1	27-11-1969
			DK	119568 B	25-01-1971
			NL	6403359 A	28-12-1964
US 5141803	A	25-08-1992	AU	623906 B2	28-05-1992
			AU	3648289 A	04-01-1990
			CA	1334320 C	14-02-1995
			FI	893047 A	30-12-1989
			JP	2061000 A	01-03-1990
			JP	2643458 B2	20-08-1997
GB 2328451	A	24-02-1999	CA	2245628 A1	22-02-1999
SU 763421	A	15-09-1980	SU	763421 A1	15-09-1980
EP 0392316	A	17-10-1990	US	4963432 A	16-10-1990
			AU	5293690 A	11-10-1990
			CA	2012127 A1	10-10-1990
			EP	0392316 A1	17-10-1990
			JP	3029632 A	07-02-1991
			NO	901603 A	11-10-1990
RU 2068864	C	10-11-1996	RU	2068864 C1	10-11-1996